**FREE, Fun & Fabulous Science Resources**

**Presenter:** Susan Enders, Science/Math Teacher, St. Joseph Catholic Academy, Kenosha, WI USA **Description**: Learn about free 21st Century tools for middle school and high school classrooms for all science disciplines that really add pizzazz to your lessons.

Notes:

have students create an avatar for themselves and set for their online work so that their picture does not show up, may not have parental consent for publishing pictures

(New York Zoos and Museums has a fun site to use)

\*\*\*\*\* [www.njctl.org](http://www.njctl.org) lesson plans, curriculum, etc

[www.middleschoolscience.com](http://www.middleschoolscience.com) has a great blog

www.discoveryeducation has good homework help and professional development \*\*\*\*engrg\*\*\*\*

www.sciencelearn.org.nz new Zealand govt site encouraging critical thinking

[www.lessonplanpage.com](http://www.lessonplanpage.com) for science fair ideas, new trends in education

[www.pbs.org/teachers](http://www.pbs.org/teachers) and [www.pbslearningmedia.org](http://www.pbslearningmedia.org) will connect with local info as you enter your zip code, good blog and discussion, NOVA and Frontline videos,

[www.siemensstemacademy.com](http://www.siemensstemacademy.com) related for discovery, STEM activities, great professional development webinars which are archived, how to put together a science fair, summer opportunities

<http://sciencenetlinks.com> good virtual labs, for example earthquakes and tornados, science club activities, cool fact of the day

webquests are good, engage the student, see physics resources for example <http://physicsquest.homestead.com/#anchor_21> but check all the links and spelling etc invariably one may be broken

good labs in Brockport hs physics labs

see list of favorite earth science sites: geoteach for rocks and minerals

astronomy sites are for middle school: earthcam and mooncam have missions during parts of the year, \*\*student may direct where they want a picture of the earth taken, students choose their site, get their picture back and then have them present to the class,

<http://prezi.com/zfcs931jk8i-/fun:free-fabulous-science-resources/>

embedded in her prezi is also her powerpoint presentation